
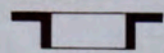

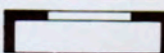

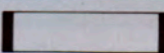

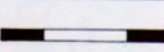

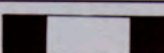

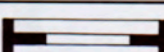

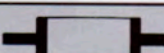

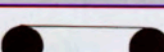

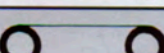

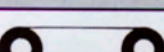

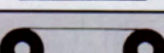

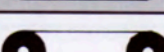



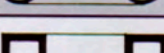

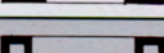

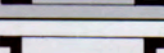

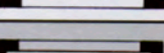



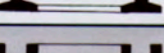


CAPACITIES: WDM HYDRAULIC ANGLE

TO ORDER STATE THE FOLLOWING

- Model number
- Control number
- Power supply (volts, phase, other)
- Any special dies required (material size, spec, condition, etc.)
- Any special features
- Horizontal or vertical operation or both

MODEL	22	23	
Standard HP	5	5	
Roll Diameter (inches)	7.0	7.5	
Weight, Approx. (lbs.)	2,000	2,500	
Bending Pressure (US tons)	15	15	
Main Shaft Diameter (inches)	1.88	2 1/2	
FPM Rolling Speed Approx.	14	0 - 22	
Machine LxWxH (inches)	-	-	
Machine Capacity	-	-	
 	Angle Leg Out* Minimum Diameter (inches)	2 x 2 x 1/4 26	2 x 2 x 3/8 26
 	Angle Leg In Minimum Diameter (inches)	2 x 2 x 3/16 22	2 x 2 x 1/4 22
 	Flat on Flat Minimum Diameter (inches)	3/4 x 3 1/2 x 6 22	3/4 x 4 5/8 x 6 20
 	Flat on Edge Minimum Diameter (inches)	3/8 x 2 1/4 20	1/2 x 2 1/2 20
 	Square Bar Minimum Diameter (inches)	1 1/4 16	1 3/8 16
 	Tee Leg In Minimum Diameter (inches)	2 x 1 1/2 x 1/4 20	2 x 2 x 1/4 20
 	Tee Leg Out Minimum Diameter (inches)	2 x 2 x 1/4 22	2 x 2 x 1/4 20
 	Round Bar* Minimum Diameter (inches)	1 3/8 14	1 1/2 15
 	SCH. 40 Pipe* Minimum Diameter (inches)	1 1/2 16	1 1/2 16
 	SCH 80 Pipe* Minimum Diameter (inches)	1 1/4 16	1 1/2 16
 	SCH 120 Pipe* Minimum Diameter (inches)	1 1/4 16	1 1/2 16
 	SCH XXH Steel Pipe* Minimum Diameter (inches)	1 16	1 1/4 16
 	Round Tube* Minimum Diameter (inches)	2 3/8 x 14 ga 24	2 3/8 x 12 ga 24
 	Square Tube* Minimum Diameter (inches)	1 3/4 x 10 ga 22	2 x 11 ga 22
 	Rectangular Tube* Minimum Diameter (inches)	2 x 1 x 11 ga 18	2 x 1 1/4 x 11 ga 18
 	Channel Flange Out* Minimum Diameter (inches)	C3 x 4.1# 18	C3 x 4.1# 18
 	Channel Flange In* Minimum Diameter (inches)	C3 x 4.1# 22	C3 x 4.1# 18
 	I-Beam on Flange* Minimum Diameter (inches)	-	-
 	I-Beam on Web** Minimum Diameter (inches)	-	-

* Some small sizes may be rolled with standard universal dies with a sacrifice of work piece quality.
For good quality, full capacity bends, order special dies.

BENDING ROLLS & ATTACHMENTS

31	41	51	61	80	90
7.5	15	20	25	60	75
9	12 1/2	15	18	24	30
3,800	5,900	8,400	13,000	38,000	58,000
24	40	55	100	220	300
3	5	6	6	8 1/2	10
0 - 22	0 - 22	0 - 24	0 - 24	0 - 28	0 - 28
38 x 40 x 38	48 x 50 x 58	48 x 60 x 80	48 x 68 x 80	110 x 92 x 92	120 x 98 x 100
-	-	-	-	-	-
3 x 3 x 3/8 30	4 x 4 x 1/2 42	5 x 5 x 1/2 50	6 x 6 x 5/8 89	8 x 8 x 5/8 100	8 x 8 x 1 98
2 1/2 x 2 1/2 x 3/8 30	4 x 4 x 3/8 36	4 x 4 x 1/2 46	5 x 5 x 5/8 89	6 x 6 x 1 90	8 x 8 x 3/4 80
3/4 x 6/4/ 1/2 x 1 24	1 1/4 x 6 22	1 3/4 x 8 38	2 x 9 40	2 1/2 x 10 50	3 x 12 60
5/8 x 3 20	7/8 x 4 40	1 x 5 44	1 1/2 x 5 48	2 x 6 x 50 50	2 x 8 80
1 3/4 16	2 1/2 34	3 32	3 1/2 36	4 40	5 60
T4 x 9.2 28	T4 x 13.5 40	ST5WF 30# 60	ST6WF50 72	WT6 x 66# 86	ST8WF39# 102
x 3 x 5/16 T4 x 9.2 42 28	WT x 12# T4 x 13 40	ST5WF x 30# 50	ST6WF50 72	WT6 x 66# 86	ST8WF39# 102
2 20	3 30	3 1/4 36	3 3/4 48	4 1/2 54	5 1/2 55
2 1/2 32	3 34	4 46	5 60	6 72	8 80
2 30	3 36	3 1/2 46	5 60	6 72	8 80
2 30	2 1/2 30	3 1/2 46	4 48	5 60	6 72
2 30	2 1/2 30	3 40	4 48	5 60	6 72
4 x 12 ga 48	5 x 12 ga 55	7 x 11 ga 78	8 x 11 ga 160	10 x 11 ga 200	12 x 3/16 180
2 1/2 x 11 ga 40	3 x 3/16 60	4 x 3/16 100	5 x 3/8 160	10 x 11 ga 200	12 x 3/16 180
3 x 1 x 11 ga 32	4 x 1 1/2 x 11 ga 52	5 x 2 x 1/4 80	6 x 2 x 3/16 96	7 x 2 x 3/16 140	8 x 4 x 3/8 200
C5 x 6.7 32	C7 x 14.75 36	C10 x 15.3# 70	C12 x 20.7 48	C12 x 30# 30	C15 x 50# 40
C5 x 6.7 32	C7 x 14.75 36	C10 x 15.3# 70	C12 x 20.7 48	C12 x 30# 30	C15 x 50# 40
S5 x 10# 40	W4 x 13 40	W10 x 19 48	W12 x 22 54	W10 x 33# 80	S15 x 50# 70
-	S4 x 7.7 48	S6 x 12 72	W5 x 19 96	S6 x 17.25# 48	S8 x 23# 144

STANDARD FEATURES

- Unitized steel construction
- Alloy steel shafts and arbors
- Total hydraulic operation
- Instant start-stop-reverse
- 2 speed / variable speed
- 1 set universal dies; rolls
 - Angle leg in and out
 - Tee bar leg in and out
 - Flats on edge and on flat
 - Square and small rounds
- Accurately machined and hardened dies
- 3 roll drive (all machines except 4 roll)
- Electrics to NFPA 79 specifications
- Low voltage control circuit 120 or 24 VAC
- Safety stop / emergency stop mushroom buttons
- Overload protection
- TEFC main motor
- Quiet integrated hydraulic system
- Painted haze grey epoxy and blue enamel
- Sealed spherical roller bearings on all main points
- Non-lube, minimum maintenance technology throughout
- Heavy gear drive with very strong and efficient tooth profile
- Most gears cut in our own shop
- Manufactured in Casey County, Kentucky, USA

STANDARD OPTIONS

- SCM-HV control
- Alpha 3 control
- Beta 3 control
- AR-520 control
- Series 423-2-LP6 control
- Automatic and other control variations
- Special dies
- Special guides
- Overhead supports
- Non-electric version
- Special electrics
- Special paint
- High speed version

** Special dies and beam on web attachment required.

- We reserve the right to make changes in design and specification without obligation.

- We welcome special applications. We will work with you on your unique projects.